Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**Homework: Review Day #1 (Tuesday)**

1. Given the points A(-3, -4) and B(5, 0), find the coordinates of the point P on directed line segment that partitions in the ratio 2:3.
2. Find the coordinates of point P that lies on the line segment, M(-9, -5), Q(3, 4), and partitions the segment at a ratio of 2 to 1.

3.



**ANSWER KEY**

1. (0.2, -2.4)
2. (-1, 1)

3. B, D